

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A wall panel ~~(10)~~ comprising a first opening ~~(30)~~ and a second opening ~~(32)~~, wherein the first opening ~~(30)~~ is above the second opening ~~(32)~~, with a channel ~~(28)~~ therein for directing air between the first ~~(30)~~ and second ~~(32)~~ openings,

a fan ~~(34)~~ within the channel ~~(28)~~ that, when activated, will urge air to move from the first opening ~~(30)~~ toward the second opening ~~(32)~~, characterized by:

a heat exchanger ~~(38)~~ disposed within the channel ~~(28)~~,
whereby when the fan ~~(34)~~ and heat exchanger ~~(38)~~ are actuated, air will be drawn into the channel ~~(28)~~ from the first opening ~~(30)~~, heated or cooled within the channel ~~(28)~~, and exhausted from the second opening ~~(32)~~ at a different temperature from air entering the first opening ~~(30)~~.

2. (Currently Amended) The wall panel ~~(10)~~ of claim 1, wherein the heat exchanger ~~(38)~~ is located downstream from the fan ~~(34)~~.

3. (Currently Amended) The wall panel ~~(10)~~ of claims ~~1 or~~ 2, wherein the second opening ~~(32)~~ is at a lower end ~~(15)~~ thereof.

4. (Currently Amended) The wall panel ~~(10)~~ of claim 3, further comprising a pair of parallel flat surfaces ~~(12, 14)~~ and a rail ~~(22)~~ located along the bottom edge ~~(17)~~ of one of the flat surfaces ~~(12)~~,

wherein the second opening ~~(32)~~ is disposed above the rail ~~(22)~~.

5. (Currently Amended) The wall panel ~~(10)~~ of ~~any of~~ claims 1-4, wherein the first opening ~~(30)~~ is at an upper end ~~(13)~~ thereof.

6. (Currently Amended) The wall panel ~~(10)~~ of claim 5, further comprising a top edge ~~(20)~~,

wherein the first opening ~~(30)~~ is located on the top edge ~~(20)~~.

7. (Currently Amended) The wall panel ~~(10)~~ of ~~any of~~ claims 1-6, wherein the channel ~~(28)~~ is a duct ~~(50)~~.

8. (Currently Amended) The wall panel ~~(10)~~ of claim 7, wherein the duct ~~(50)~~ is constructed of metal.

9. (Currently Amended) The wall panel ~~(10)~~ of ~~any of~~ claims 1-8, wherein the fan ~~(34)~~ is an impeller fan ~~(35)~~.

10. (Currently Amended) The wall panel ~~(10)~~ of ~~any of~~ claims 1-9, wherein the heat exchanger ~~(38)~~ heats the air.

11. (Currently Amended) The wall panel ~~(10)~~ of claim 10, wherein the heat exchanger ~~(38)~~ is a resistance heater ~~(41)~~.

12. (Currently Amended) The wall panel ~~(10)~~ of ~~any of~~ claims 1-11, wherein the fan ~~(34)~~ and the heat exchanger ~~(38)~~ are removable from the channel ~~(28)~~.

13. (Currently Amended) The wall panel ~~(10)~~ of ~~any of~~ claims 1-12, wherein an insulation block ~~(84)~~ is disposed between the fan ~~(34)~~ and the heat exchanger ~~(38)~~.

14. (Currently Amended) The wall panel ~~(10)~~ claim 13, wherein the insulation block ~~(84)~~ is removable from the channel ~~(28)~~.

15. (Currently Amended) The wall panel ~~(10)~~ of ~~any of~~ claims 1-14, further comprising a heat/air deflector ~~(76)~~.

16. (Currently Amended) The wall panel ~~(10)~~ of claim 15, wherein the heat/air deflector ~~(76)~~ comprises two downwardly angled deflection wings ~~(94)~~.

17. (Currently Amended) The wall panel ~~(10)~~ of claims 15 ~~or~~ 16, wherein the heat/air deflector ~~(76)~~ is removable from the channel ~~(28)~~.

18. (Currently Amended) The wall panel ~~(10)~~ of ~~any of~~ claims 1-17, wherein the wall panel ~~(10)~~ is modular.

19. (Currently Amended) A modular wall panel ~~(10)~~ comprising a first opening ~~(30)~~ at an upper end ~~(13)~~ thereof and a second opening ~~(32)~~ at a lower end ~~(15)~~ thereof with a channel ~~(28)~~ therein for directing air between the first ~~(30)~~ and second openings ~~(32)~~,

a modular housing ~~(42)~~ adapted to be removably mounted to the wall panel ~~(10)~~ within the channel ~~(28)~~, said modular housing ~~(42)~~ having a fan ~~(34)~~ and a heat exchanger ~~(38)~~,

whereby when the modular housing ~~(42)~~ is mounted, the fan ~~(34)~~ and heat exchanger ~~(38)~~ will be disposed to move air from the first opening ~~(30)~~ to the second opening ~~(32)~~ and heated or cooled before being exhausted from the second opening ~~(32)~~.

20. (New) The modular wall panel of claim 19, wherein the heat exchanger is located downstream from the fan.

21. (New) The modular wall panel of claim 19, wherein the heat exchanger heats the air.

22. (New) The modular wall panel of claim 19, further comprising a heat/air deflector.

23. (New) The modular wall panel of claim 22, wherein the heat/air deflector comprises two downwardly angled deflection wings.

24. (New) The modular wall panel of claim 22, wherein the heat/air deflector is removable from the channel.

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25. (New) The modular wall panel of claim 22, wherein the modular housing comprises the heat/air deflector.